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		BLOOMFIELD, Sally F. et al., "The Antibacterial I	Properties o	f Sodium Dichloroiso-c	yanurate and	Sodium Hypochlo	rite Formulatio	ons,"	
	AR	J. Appl. Bacteriol., 1979, vol. 46, pages 65-73.							
		CANTIN, André M., "Taurine Modulation of Hypo	chlorous A	cid-induced Lung Epith	elial Cell Inju	ıry in Vitro – Role	of Anion Tran	sport," J. Clin.	
	AS	<u>Invest.</u> , February 1994, vol. 93 pages 606-614.							
		CLAFFEY, Noel et al., "An Overview of Nonsurgical and Surgical Therapy," Periodontology 2000, 2004, vol. 36, pages 35-44.							
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		OTHER PUBLICATIONS (In	cluding Auth	or, Title, Date, Pertine	nt Pages, Etc.)			
		DAVIES, Joanna M. S. et al, "Inhibition of Collea	genase Activ	rity by N-Chlorotaurine	, a Product of	`Activated Neutro	phils," <u>Arthriti</u>	s Rheum.,	
		March 1994, vol. 37, no. 3, pages 424-427.							
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		DIXON, Doulgas R. et al, "Modulation of the Inna 74.	ate immune i	Response within the Pe	riodontium,"	Periodontology 20	<u>00,</u> 2004, Vol.	35, pages 53-	
-	AS								
		FUURSTED, Kurt et al., "Evaluation of Bactericie	dal Activity a	ind Lag of Regrowth (P	ostantibiotic	Effect) of Five An	tiseptics on Ni	ne Bacterial	
	AT	Pathogens," J. of Antimicrobial Chemo., 1997, vo	l. 40, pages 2	221-226.					
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	GEMMEL, Erica et al., "Immunoregulatory Co	ontrol of Th 1/Th	n2 Cytokine Profiles in	Periodontal D	Disease," Periodont	ology 2000, 20	004, vol. 35,	
AR	pages 21-41.							
	GRISHAM, Matthew B. et al., "Chlorination o	f Endogenous A	Amines by Isolated Ne	utrophils," <u>J. E</u>	Biol. Chem., Augus	st 25, 1984, vo	1. 259, no. 16,	
AS	pages 10404-10413.							
, Au	HAND, Ronald E. et al, "Analysis of the Effec	t of Dilution on	the Necrotic Tissue D	issolution Pro	nerty of Sodium H	vnochlorite" l	Endod	
	February 1978, vol. 4, no. 2 pages 60-64.	t or Bridger on	and recorded Plante D	assoration 110	·	jpoemorne, <u>s</u>	·	
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		HEGGERS, J. P. et al., "Bactericidal and					dberg Award.	" J Burn
		<u>Care Rehabil.</u> , 1991, vol. 12, pages 420-42	4.20				——————————————————————————————————————	
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		HIDALGO, Eduard et al., "Growth-Alterin	ng Effects of Sodium	n Hypochlorite in Cu	ltured Human [Dermal Fibroblasts,	" <u>Life Sci.,</u> 20	00, vol. 67,
	AS	pages 1331-1344.						
		HUXTABLE, Ryan J., "Sources and Turn	over Rates of Taurin	ne in Nursing and We	eaned Rat Pups,	" <u>J. Nutr.,</u> 1981, vo	ol. 111, pages	1275-1286.
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		KIM, Chaekyun et al., "The Production of Superox	cide Anion a	nd Nitric Oxide by Cul	tured Murine	Leukocytes and th	ne Accumulatio	on of TNF-o in
		the Conditioned Media Is Inhibited by Taurine Chl						
	AR							
		KIM, C. et al., "Uptake of Taurine and Taurine Ch			nd Their Dist	ribution in Mice v	vith Experimer	ntal
	AS	Inflammation," Adv. Exp. Med. Bio., 1998, vol. 4	42, pages 16	59-176. ————————				
		KNIGHT, Joseph A., "Review: Free Radicals, Anti	ioxidants, ar	nd the Immune System,	" Annals of C	Clinical of Laborate	ory Science, 20	000, vol. 30, no.
	AT	2, pages 145-158.	·····					
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		KONTNY, Ewa et al., "Taurine Chloramine In	hibition of Cel	l Proliferation and Cyto	kine Productie	on by Rheumatoid	Arthritis Fibro	blast-Like
		Synoviocytes," Arthritis & Rheumatism, Decer	mber 1999, vol	. 42, no. 12, pages 2552	2-2560.			
	AR	KUNSCH, Charles et al., "Oxidative Stress as	a Regulator of	Gene Expression in the	Vasculature.'	" Circ. Res., 1999.	vol. 85, pages	753-766.
	AS				+			
		LELIANOV, A.D. et al., "The Use of an Electr	olytic Solution	of Sodium Hypochlorit	e in Acute Su	ppurative Diseases	of the Soft Ti	ssues," Klin
	АТ	Khir., 1991, Russian, translation only, one page	3.	···				
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	AR	Inducible Nitric Oxide Synthase and Cyclooxyger	nase-2 Expre	ssion," Molecular Brai	n Research, 19	998, vol. 59, pages	189-195.	
		LIU, Yong et al., "Monocyte Chemoattractant Pro	otein-1 and N	Macrophage Inflammate	ory Protein-2 I	Production Is Inhib	ited by Tauring	e Chloramine
	AS	in Rat C6 Glioma Cells," Immunology Letters, 19	999, vol. 70,	pages 9-14.				
		MAINNEMARE, A. et al., "Hypochlorous Acid a	and Taurine-	N-Monochloramine in	Periodontal D	iseases," J. Dent. J	Res., 2004, vol	. 83, no. 11,
	AT	pages 823-831.						
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		MALE, David et al., "Advanced Immunology;	" J.B. Lippince	ott Company, Philadel	phia, 2nd Editio	on, 1989, vol. 5, pa	nges 1-15.	
	AR							
		MALINOVSKAYA, V.V. et al., "Immune Hor					negalovirus ar	id Herpes
	AS	Simplex Virus Infections," Russ J. Immunolo.,	July 2000, vol	. 5, no. 2, pages 177-1	84 (translation	- one page only).	•	
		MARCINKIEWICZ, J. et al., "Differential Effects of Chlorination of Bacteria on their Capacity to Generate NO, TNF-α and IL-6 in						
	AT	Macrophages", Immunology, 1994, vol. 83, pag	ges 611-616.					
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		MARCINKIEWICZ, Janusz et al., "Taurine Chlora	ımine, a Pro	duct of Activated Neuti	rophils, Inhib	its in Vitro the Ge	neration of Nit	ric Oxide and
	AR	Other Macrophage Inflammatory Mediators," J. of	Leukoeyte F	Biology, December, 199	95, vol. 58, pa	ages 667-674.		
		MARCINKIEWICZ, Janusz, "Regulation of Cytoki	ine Producti	ion by Eicosanoids and	Nitric Oxide,	," Arch. Immunol.	Ther. Exp., 19	997, vol. 45,
	AS	pages 163-167.						
		MARCINKIEWICZ, Janusz, "Neutrophil Chloramin	ines: Missin	g Links between Innate	and Acquire	d Immunity," <u>Imr</u>	nuno. Today, E	December 1997,
	AT	vol. 18, no. 12, pages 577-580.						
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		MARCINKIEWICZ, Janusz, "Nitric Oxide and A	ntimicrobial	Activity of Reactive O	xygen Interm	ediates " Immuno	nharm 1997	vol 37 nages
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		MARCINKIEWICZ, J. et al., "Modulation of Anti-	gen-Specific	1-ceil Activation in vit	ro by Laurine	e Chloramine," <u>Im</u>	munology, 199	98, vol. 94,
	AS	pages 325-330.				-		-
		MARCINKIEWICZ, Janusz et al., "Taurine Chlor	amine Dowr	-Regulates the General	tion of Murin	e Neutrophil Infla	mmatory Medi	ators,"
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		MARCINKIEWICZ, J., et al., "Regulation of Mur			ro by Taurine	Chloramine, a Ma	jor Product of	the Neutrophil
	AR	Myeloperoxidase-Halide System," Immunology, 1	999, vol. 98	3, pages 371-378.	···	, e e :		
		MARCINKIEWICZ, J. et al., "Antimicrobial and 6	Cytotosic A	ctivity of Hypochlorou	s Acid: Interac	tions with Taurine	and Nitrite,"	Inflamm. Res.,
	AS	2000, vol. 49, pages 280-289.						
		MARQUEZ, Leah A. et al., "Chlorination of Taur	ine by Myel	loperoxidase," The Jou	rnal of Biolog	cal Chemistry, Ma	arch 1994, vol.	. 269, no. 11,
	АТ	pages 7950-7956.					•	
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		Martindale – The Complete Drug Reference, "Dis	sinfectants an	nd Preservatives, " The	Pharmaceutic	al Press, 32nd Edi	tion, 1999, pag	ge 1124 (title	
		page and verso attached).							
	AR			_					
		MASTEN, Scott et al., "Chloramine-T [127-65-1]		lite p-Toluenesulfonam	ide [70-55-3]	: Review of Toxic	ological Litera	ture,"	
	AS	Toxicological Literature, February 2002, pages co	ver to 6.						
		MEGARBANE, Bruno et al., "Cytokines du Systè	ème de Defér	nse: Interleukines et Ch	imiokines," <u>N</u>	1edecine Therapeu	ıtique, vol. 4, r	10. 8 pages 641-	
	АТ	653, and English Translation.							
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***		MEYERS, Jeanne et al., "Preparation and Chemic					ear Medicine	1975 vol 16	
			zar Character	ization of Radiologinal	ca Dicomyciii	, Journal of Ivuci	car_ivicuiciiic,	1975, voi. 10,	
	AR	no. 9, pages 835-838.							
		MOEN, Ketil et al., "Immunoglobulin G and A Ar	ntibody Rest	oonses to Bacteroides fo	ersythus and I	Prevotella Interme	dia in Sera and	l Synovial	
٠	AS	Fluids of Arthritis Patients," Clin. and Diag. Lab.	<u>Immuno</u> ., N	ovember 2003, pages 10	043-1050.			17	
		MOESLINGER, Thomas et al., "Inhibition of Indu	ucible Nitric	Oxide Synthesis by Ox	idized Lipopr	otein(a) in a Muri	ne Macrophage	e Cell Line,"	
	AT	FEBS Letters, 2000, vol. 478, pages 95-99.			•				
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		OWEN, William F., Jr. et al., "Synthesis and Relea	ase of Leuko	triene C ₄ by Human Eo	sinophls ¹ ," <u>T</u>	he Journal of Imm	unology, Janua	ary 15, 1987,	
	AR	vol. 138, no. 2, pages 532-538.		·					
		PARK, Eunkyue et al., "Taurine Chloramine Inhib	its the Synth	esis of Nitric Oxide and	d the Release	of Tumor Necros	is Factor in Ac	tivated RAW	
	AS	264.7 Cells," <u>Journal of Leukocyte Biology</u> , Augus	st 1993, vol.	54, pages 119-124.					
		PARK, Eunkyue et al., "Preactivation Exposure of	`RAW 264.7	Cells to Taurine Chlor	amine Attenu	ates Subsequent F	Production of N	litric Oxide	
	AT	and Expression of iNOS mRNA," Journal of Leuk							
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		PULLAR, Juliet M. et al., "Loss of GSH and Thiol	l Enzymes ir	Endothelial Cells Exp	osed to Subsl	ethal Concentration	ons of Hypochl	orous Acid,"	
	1							<u> </u>	
	AR	The American Physiological Society, October 1999	9, vol. 4, pt 2	2, pages H1505-H1512.	• . •				
		QUINN, Michael R. et al., "Taurine Chloramine In	nhibits Prost:	aglandin E ₂ Production	in Activated	Raw 264.7 Cells t	y Post-Transc	riptional Effects	
	1	on Inducible Cyclooxygenase Expression," Immun	nology Letter	s, 1996, vol. 50, pages	185-188.				
	AS	SEGURA, Juan Jose et al., "Comparative Effects of	of Two Ends	dentie Irrigante Chlori	havidine Dial	usonate and Sodie	Uzmachlarit	to on	
	'		-				iii rrypoemorie	.e, on	
	AT	Macrophage Adhesion to Plastic Surfaces," Journa	ıl of Endodor	ntics, April 1999, vol. 2	.5, no. 4, page	es 243-246.			
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		OTHER PUBLICATIONS (I	ncluding Aut	nor, Title, Date, Pertine	nt Pages, Etc.	.)				
		SEN, Chandan K. et al., "Antioxidant and Redox					. vol. 10. maga	- 700 720		
		SEN, Chandan R. et al., Antioxidant and Redox	Regulation o	Toene Transcription,	THE FASED.	Journal, May 1990	, voi. 10, page	5 709-720.		
	AR									
		SEYMOUR, Gregory, J. et al., "Shouts and Whis	pers: an Intro	duction to Immunoregi	ulation in Per	iodontal Disease,"	Periodontolog	<u>y 2000,</u> 2004,		
	AS	vol. 35, pages 9-13.								
		SHIH, Ming et al., "The Bactericidal Efficiency of	of Sodium Hy	pochlorite as an Endod	ontic Irrigant	" <u>Oral. Surg.</u> , Apr	il 1970, vol. 29), no. 4, pages		
	AT	613-619.								
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		STIEF, T. W. et al., "Siglet Oxygen Inh	nibits Agonist-Induced	P-Selectin Expression	on and Formation	n of Platelet Aggre	gates," Clin.	Appl.			
	AR	Thrombosis/Hemostasis, 2001, vol. 7, 1	10. 3, pages 219-224.	,							
	AK	TATSUMI, Tetsuya, et al., "Hypochlor	ous Acid and Chloram	ines Increase Endoth	nelial Permeabili	tv: Possible Involv	ement of Call	ular Zinc " The			
		American Physiological Society, Octob			ichar i crincaoin	ry. I ossibie involve	ment of cen	ulai Zilic, <u>Tilc</u>			
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		THÉ, S. D., "The Solvent Action of Sodium Hypochlorite on Fixed and Unfixed Necrotic Tissue," Oral Surg., June 1979, vol. 47, no. 6, pages						no. 6, pages			
	AT	558-561.	. 20-	TI.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
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		VILE, Glenn F. et al., "Initiation of Rapid, P53-L	Dependent Gr	owth Arrest in Culture	l Human Skin	Fibroblasts by Re	active Chlorine			
		Species," Archives of Biochemestry and Biophys	sics. May 1 2	2000. vol. 377. no. 1. no.	ages 122-128					
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		VISSERS, Margret C. M. et al. "Hypochlorous A	cid Causes C	Caspase Activation and	Apoptosis or	Growth Arrest in I	Human Endoth	elial Cells,"		
	AS	Biochem. J., 1999, vol. 344, pages 443-449.								
		VOGT, Walter, "Complement Activation by Myo	eloperoxidase	Products Released fro	m Stimulated	Human Polymorpl	honuclear Leuk	cocytes,"		
1	AT	<u>Immunobiol.</u> , 1996, vol. 195, pages 334-346.								
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		WRIGHT, Charles E. et al., "Taurine: Biological Up	odate," Ann	. Kev. Biochem., 1986,	, vol. 55, page	es 427-453.	•		
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	7.11	ZGLICZYNSKI, J. M. et al., "Chloramines as Interr	mediates of	Oxidation Penation of	Amino Asid	hy Muslamarau!	ace " Diochi-	Rionh:	
			neurales of	OAIGATION REACTION OF	Annio Acios	oy wyeloperoxia	азе, <u>Біоспіт</u>	. Бюрнуз.	
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